

1 **What Is claimed Is**

2 1. A wrench including:

- 3 □ a head;
- 4 □ a first handle including first and second ends, the first end of the
- 5 first handle being pivotally connected with the head about a first
- 6 axis;
- 7 □ a second handle pivotally connected with the second end of the
- 8 first handle about a second axis; and
- 9 □ a retaining device for retaining the first handle in position relative
- 10 to the head, and the second handle in position relative to the first
- 11 handle.

12 2. The wrench according to claim 1 wherein the first and second axes

13 are parallel to each other.

14 3. The wrench according to claim 1 wherein the first and second axes

15 are not parallel to each other.

16 4. The wrench according to claim 1 wherein the head includes at least

17 one ear formed thereon, and the first handle includes at least one ear

18 formed at the first end for pivotal connection with the at least one ear

19 of the head.

20 5. The wrench according to claim 4 wherein the first handle includes

21 two ears formed at the first end, and the head includes only one ear

22 put between the ears formed at the first end of the first handle.

23 6. The wrench according to claim 4 further including a pin, wherein the

24 at least one ear formed on the head defines an aperture for receiving

25 the pin, and the at least one ear formed at the first end of the first

26 handle defines an aperture for receiving the pin.

- 1 7. The wrench according to claim 4 wherein the at least one ear of the
2 head includes a plurality of teeth formed thereon, and the retaining
3 device includes a detent attached to the first handle for engagement
4 with the teeth of the at least one ear of the head so as to retain the
5 head in position relative to the first handle.
- 6 8. The wrench according to claim 7 wherein the detent includes a tooth
7 for engagement with the teeth of the at least one ear of the head.
- 8 9. The wrench according to claim 7 wherein the first handle defines a
9 detent-receiving hole for receiving the detent.
- 10 10. The wrench according to claim 9 further including a ball put in the
11 detent-receiving hole and a spring put in the detent-receiving hole
12 between the ball and the detent.
- 13 11. The wrench according to claim 10 wherein the first handle defines a
14 switch-receiving hole communicated with the detent-receiving hole,
15 and the retaining device includes a switch defining an annular groove,
16 and the switch is put in the switch-receiving hole between a locking
17 position where it pushes the ball against the detent and a releasing
18 position where the annular groove receives the ball so as to allow the
19 ball to leave the detent.
- 20 12. The wrench according to claim 11 wherein the switch defines another
21 annular groove for receiving the ball in the locking position.
- 22 13. The wrench according to claim 10 wherein the detent defines a recess
23 for receiving the spring.
- 24 14. The wrench according to claim 1 wherein the first handle includes at
25 least one ear formed at the second end, and the second handle
26 includes at least one ear formed thereon for pivotal connection with at

1 least one ear formed at the second end the first handle.

2 15. The wrench according to claim 14 wherein the first handle includes
3 two ears formed at the second end, and the second handle includes
4 only one ear put between the ears formed at the second end of the first
5 handle.

6 16. The wrench according to claim 14 further including a pin, wherein the
7 at least one ear formed at the second end of the first handle defines an
8 aperture for receiving the pin, and the at least one ear formed on the
9 second handle defines an aperture for receiving the pin.

10 17. The wrench according to claim 14 wherein the at least one ear of the
11 second handle includes a plurality of teeth formed thereon, and the
12 retaining device includes a detent attached to the first handle for
13 engagement with the teeth of the at least one ear of the second handle
14 so as to retain the second handle in position relative to the first
15 handle.

16 18. The wrench according to claim 17 wherein the detent includes a tooth
17 for engagement with the teeth of the at least one ear of the second
18 handle.

19 19. The wrench according to claim 17 wherein the first handle defines a
20 detent-receiving hole for receiving the detent.

21 20. The wrench according to claim 19 further including a ball put in the
22 detent-receiving hole and a spring put in the detent-receiving hole
23 between the ball and the detent.

24 21. The wrench according to claim 20 wherein the first handle defines a
25 switch-receiving hole communicated with the detent-receiving hole,
26 and the retaining device includes a switch defining an annular groove,

1 and the switch is put in the switch-receiving hole between a locking
2 position where it pushes the ball against the detent and a releasing
3 position where the annular groove receives the ball so as to allow the
4 ball to leave the detent.

5 22. The wrench according to claim 21 wherein the switch defines another
6 annular groove for receiving the ball in the releasing position.

7 23. The wrench according to claim 1 further including another head
8 pivotally connected with the second handle.

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